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Message Text

SECRET

PAGE 01 MOSCOW 17503 261513Z
ACTION SY-05

INFO OCT-01 ISO-00 /006 W
----------064894 271445Z /53
R 261507Z JUL 78
FM AMEMBASSY MOSCOW
TO SECSTATE WASHDC 4790

S E C R E T MOSCOW 17503

SY CHANNEL FOR MUSSER

FOR A/SY/OPS/T FROM TSO

E.O. 11652: XGDS-2
TAGS: ASEC
SUBJECT: TECHNICAL PENETRATION - FM JAMMING SIGNAL

FOLLOWING IS INFORMATION YOU REQUESTED ON FM JAMMING SIGNALS INDICATED ON THE ANTENNA/FILTER RESPONSE CURVE.

1. SIGNALS ARE IDENTICAL TO JAMMING SIGNALS BROADCAST BY SOVIETS ON SW BANDS AND INTENDED TO JAM RADIO LIBERTY AND SIMILAR BROADCASTS.

2. MODULATION APPEARS TO BE NBFM CONTAINING A PECULIAR "BABBLE." THERE ARE ALSO FREQUENT CW TRANSMISSIONS CONTAINING THE IDENTIFIER "WI" IN INTERNATIONAL MORSE CODE.

3. TSO OBSERVED THE SIGNALS ON JULY 22 WHEN SPECIAL ANTENNA WAS INSTALLED IN EXEC AREA. TUNEABLE BANDPASS FILTER WAS USED IN ANTENNA LINE SO PROBABILITY OF THESE BEING SPURIOUS SIGNALS IS . REMOTE.

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4. ATTEMPTED OBSERVATION ON JULY 23 WAS THWARTED BY PRESENCE OF A STRONG PULSE SIGNAL AT ROUGHLY 60 AND 90 MHZ. THESE ARE HARMONICS OF SIGNAL AT 30 MHZ AND HAVE COMPONENTS AT 50 HZ AND 250 KHZ.

5. TDY PERSONNEL OBSERVED SIGNAL ON JULY 24 BUT

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COULD NOT READILY IDENTIFY. CLOSER INSPECTION
SHOWED THAT LUNDAMENTAL AT 30 MHZ CONTAINED NB
CW COMPONENT OR COMPONENTS.

6. TSO IS CONCENTRATING ON SPECTRUM NEAR 60 AND
90 MHZ BUT IS RUNNING UP AGAINST EQUIPMENT LIMITATIONS.
A SEPARATE MEMO WILL FOLLOW ON THIS SUBJECT. TOON

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NNN

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: SY
Current Classification: UNCLASSIFIED
Concepts: n/a
Control Number: n/a
Copy: SINGLE
Draft Date: 26 jul 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 20 Mar 2014
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978MOSCOW17503
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: X2
Errors: N/A
Expiration:
Film Number: n/a
Format: TEL
From: MOSCOW
Handling Restrictions: n/a
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Original Classification: SECRET
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: SECRET
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 29 jun 2005
Review Event:
Review Exemptions: n/a
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Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 1881240
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Status: NATIVE
Subject: //////
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To: STATE
Type: TE
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